

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084129 A3

(51) International Patent Classification⁷: **C07C 53/00**,
A61K 37/00, 31/23, 31/225

(21) International Application Number:
PCT/IL2005/000257

(22) International Filing Date: 3 March 2005 (03.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/549,550 4 March 2004 (04.03.2004) US

(71) Applicant (for all designated States except US): **HTL
HIGH-TECH LIPIDS LTD.** [IL/IL]; Teradion Industrial
Park, D.N. Misgav 20179 (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ROZEN, Geila**
[IL/IL]; 36 Lea Street, 34403 Haifa (IL). **SHOCHAT, Irit**
[IL/IL]; P.O. Box 75, 23840 Timrat (IL).

(74) Agent: **WEBB, Cynthia**; Webb & Associates, P.O. Box
2189, 76121 Rehovot (IL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

(88) Date of publication of the international search report:
27 October 2005

(48) Date of publication of this corrected version:
5 January 2006

(15) Information about Corrections:
see PCT Gazette No. 01/2006 of 5 January 2006, Section II
Previous Correction:
see PCT Gazette No. 48/2005 of 1 December 2005, Sec-
tion II

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: STRUCTURED TRIGLYCERIDES AND EMULSIONS COMPRISING SAME

(57) Abstract: The present invention relates to structured triglyceride, to parental nutrition emulsions comprising same, and use thereof. In particular, the invention relates to structured triglycerides comprising at least one medium chain C₆-C₁₂ fatty acid and at least one fatty acid selected from the group consisting of long chain C₁₄-C₁₈ or very long chain C₂₀-C₂₂ fatty acids, preferably each fatty acid is present in a predetermined position of the glycerol backbone. The parenteral nutrition emulsions are particularly useful for nourishing preterm-and term-infants, children, critically ill patients, and cancer patients.

WO 2005/084129 A3